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# Using Stella to Find Out How Much Can You Save

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# How Much Can You Save?

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# Goals of the Project

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- Students will use Stella to create a model which calculates a budget that takes account for a variety of factors.
- Students will gain an understanding of income, costs, savings and the responsibility of budgeting.

# Factors Affecting a Budget

- Income
- Taxes
- Cable & Internet
- Car Payment
- Credit Card
- Insurance
- Phone Bill
- Rent and Mortgage
- Electric Bill
- Student Loans
- Water Bill
- Retirement
- Miscellaneous

# Our Model

- Our model consists of the basic components of a bank account. It is made up of deposits and withdrawals where deposits consist of income minus tax and withdrawals consist of monthly expenditures.

**View Our  
Model**

# Our Interface

- The interface screen allows for the user to adjust the value of a particular expenditure, income or tax rate as to see its affect on a budget.

**View Our  
Interface**

# Formulas Used In Our Model

- Click the link below to view the formulas used in our model.
- Once opened, you may also cycle through the levels of the program to use the interface, or view the model.

**View Our  
Formulas**

# What We Learned

- Students learned what factors affect a budget in terms of deposits and withdrawals.
- Students learned how to create a model in Stella using stocks, converters and flows to build formulas that support a budget.